


**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

<b>APPLICATION FOR PERMIT TO DRILL</b>				<b>1. WELL NAME and NUMBER</b> NBU 921-20D4CS		
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				<b>3. FIELD OR WILDCAT</b> NATURAL BUTTES		
<b>4. TYPE OF WELL</b> Gas Well Coalbed Methane Well: NO				<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> NATURAL BUTTES		
<b>6. NAME OF OPERATOR</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.				<b>7. OPERATOR PHONE</b> 720 929-6587		
<b>8. ADDRESS OF OPERATOR</b> P.O. Box 173779, Denver, CO, 80217				<b>9. OPERATOR E-MAIL</b> mary.mondragon@anadarko.com		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU 0575		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>		
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>		
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b> Ute Tribe		<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>		<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	959 FNL 1292 FWL	NWNW	20	9.0 S	21.0 E	S
<b>Top of Uppermost Producing Zone</b>	1306 FNL 770 FWL	NWNW	20	9.0 S	21.0 E	S
<b>At Total Depth</b>	1306 FNL 770 FWL	NWNW	20	9.0 S	21.0 E	S
<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 770		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 1600		
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 515		<b>26. PROPOSED DEPTH</b> MD: 10400 TVD: 10310		
<b>27. ELEVATION - GROUND LEVEL</b> 4796		<b>28. BOND NUMBER</b>		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Permit #43-8496		

**ATTACHMENTS****VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP
<b>NAME</b> Danielle Piernot	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b>	<b>DATE</b> 08/10/2009
<b>PHONE</b> 720 929-6156	<b>EMAIL</b> danielle.piernot@anadarko.com
<b>API NUMBER ASSIGNED</b> 43047505980000	<b>APPROVAL</b>  Permit Manager

# T9S, R21E, S.L.B.&M.

Found 2006  
Aluminum Cap in  
Pile of Stones

N89°58.7'W - 39.921 (G.L.O.)  
N89°54'13"W - 2634.82' (Meas.)

N89°57.5'W - 40.129 (G.L.O.)  
N89°53'24"W - 2648.44' (Meas.)

Found 2006  
Aluminum Cap in  
Pile of Stones

Found 2006  
Aluminum Cap  
with Set Stone  
North of Cap

2657.29' (Measured)  
N00°03'14"W (Basis of Bearings)

N0°08.0'W - 80.522 (G.L.O.)

N00°03'21"W - 2657.24' (Meas.)

Found 2006  
Aluminum Cap in  
Pile of Stones

Found 2006  
Aluminum Cap in  
Pile of Stones

N00°00'48"W - 2668.44' (Meas.)  
N0°04.6'W - 40.429 (G.L.O.)

N00°02'18"E - 2636.94' (Meas.)  
N0°01.7'W - 39.953 (G.L.O.)

## WELL LOCATION: NBU 921-20D4CS

ELEV. UNGRADED GROUND = 4796.4'

20

NBU 921-20D4CS (Surface Position)  
NAD 83 LATITUDE = 40.026205° (40° 01' 34.338")  
LONGITUDE = 109.580413° (109° 34' 49.487")  
NAD 27 LATITUDE = 40.026240° (40° 01' 34.466")  
LONGITUDE = 109.579723° (109° 34' 47.003")

NBU 921-20D4CS (Bottom Hole)  
NAD 83 LATITUDE = 40.025254° (40° 01' 30.914")  
LONGITUDE = 109.582274° (109° 34' 56.188")  
NAD 27 LATITUDE = 40.025289° (40° 01' 31.041")  
LONGITUDE = 109.581585° (109° 34' 53.704")

Found 2006  
Aluminum Cap in  
Pile of Stones  
under E-W Fence

Found 2006  
Aluminum Cap in  
Pile of Stones  
under E-W Fence

Found 2006  
Aluminum Cap in  
Pile of Stones,  
Under E/W Fence

N89°54'43"W - 2640.77' (Meas.)  
N89°59.4'W - 40.011 (G.L.O.)

S89°55'12"W - 2636.26' (Meas.)  
S89°51.2'W - 39.942 (G.L.O.)

### NOTES:

- ▲ = Section Corners Located
- Well footages are measured at right angles to the Section Lines.
- G.L.O. distances are shown in feet or chains. 1 chain = 66 feet.
- The Bottom of hole bears S56°27'54"W 626.13' from the Surface Position.
- Bearings are based on Global Positioning Satellite observations.
- Basis of elevation is Tri-Sta "Two Water" located in the NW ¼ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

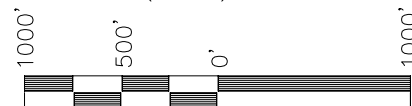
**Kerr-McGee**  
**Oil & Gas Onshore, LP**

1099 18th Street - Denver, Colorado 80202

**NBU 921-20D4CS**  
**WELL PLAT**

1306' FNL, 770' FWL (Bottom Hole)  
NW ¼ NW ¼ OF SECTION 20, T9S, R21E,  
S.L.B.&M. UTAH COUNTY, UTAH.

CONSULTING, LLC  
371 Coffeen Avenue  
Sheridan WY 82801  
Phone 307-674-0609  
Fax 307-674-0182



SCALE

### SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF AGRICULTURAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

No. 362251  
KOLBY R.  
KAY

REGISTERED LAND SURVEYOR  
REGISTRATION No. 362251  
STATE OF UTAH

**TIMBERLINE**

(435) 789-1365

**ENGINEERING & LAND SURVEYING, INC.**

209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 01-16-09	SURVEYED BY: M.S.B.	SHEET <b>2</b> OF 13
DATE DRAWN: 02-25-09	DRAWN BY: K.K.O.	
SCALE: 1" = 1000'	Date Last Revised:	